## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

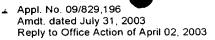
1. (currently amended) <u>A</u> method for the preparation of an <u>a shaped body with an embossed feil surface</u> from a mass including non-interlaced polyolefins, <u>a stablizer</u> and optional <u>further</u> additives, the method comprising:

the preparation of a foil from said mass, embossing said foil,

treating the embossed foil said mass with electron beams to such an extent that a gel content of approximately 15 to 65% occurs in the radiated embossed foil and achieving a grained foil with a density of approximately 0.7 to 1.2 g/cm<sup>3</sup> and

deep drawing the grained embossed foil to said shaped body, the foil having a density of approximately 0.7 to 1.2 g/cm<sup>3</sup>.

- 2. (currently amended) The method according to Claim claim 1, characterized in that by way of non-ionterlaced polyolefins are employed wherein polyproylen polypropylene, polyethylene, polypropylene-co-polymers or terpolymers with  $C_2$ ,  $C_4$ -C12- $\alpha$ -olefins  $C_4$ -C<sub>12</sub>- $\alpha$ -olefins and/or polyethylene-co-polymers or terpolymers with  $C_3$  to  $C_{12}$ - $\alpha$ -olefins are employed as the non-interlaced polyolefins.
- 3. (currently amended) <u>The</u> method according to claim 1 wherein an interlacing auxiliary is included in the mass.
- 4. (currently amended) <u>The</u> method according to <u>Claim</u> claim 3, wherein trimethylpropantriacrylate is selected as interlacing auxiliary.
- 5. (currently amended) <u>The</u> method according to claim 3 wherein trimethylolpropantriacrylate is employed in a quantity of up to 20% by weight in proportion to the contents of the mass of non-interlaced polyolefins.



- 6. (canceled).
- (currently amended) The method according to Claim claim 6 1, wherein stabilizers in the mass comprise phenol derivatives, lactones, phosphites and/or sterically inhibited amines in a quantity of up to approximately 5% by weight.
- (currently amended) The method according to claim 1 wherein the electron beam treated foil has a thickness of approximately 0.2 to 2.0 mm.
- (currently amended) The method according to claim 1 wherein the treatment with electron beams is effected at a beam dosis dose of approximately 10 to 500 kJ/m².
  - 10. (canceled)11. (canceled)12. (canceled)
- (currently amended) The method according to claim 1 wherein the radiated foil or the composite structure containing same is laminated to a composite structure that is deep drawn to a shaped body.
- (currently amended) The method according to Claim claim 12, wherein the deep drawn shaped body is utilized is as an interior lining of motor vehicles, in particular as dashboard foil.

## 15. (canceled)

wherein the electron beam treated foil has a thickness of approximately 0.4 to 1.4 mm.